

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION V

DATE: March 2, 1995

SUBJ: Standard Scrap Metal/Chicago International Exporting Site Pollution Report

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POLREP NO: POLREP 13

EPA Region 5 Records Ctr.



231933

II BACKGROUND

Site No: 05HQ

Delivery Order No: 5001-05-357

Response Authority: CERCLA, Time Critical Removal Action

NPL Status: Not on NPL

State Notification: IEPA Notified (IEPA Referred the Site)

Action Memo Status: Approved

Start Date: October 28, 1994

Completion Date: October 1995

III SITE INFORMATION

Refer to POLREP 1

IV RESPONSE INFORMATION

A. Situation

1. Current Situation

See POLREP #1

2. **Removal Activities** (Feb 27, 1995 thru March 3, 1995)

* ERCS continued to excavate PCB, lead and cadmium contaminated soil from main yard and load into rail cars.

* Rail car shipment was delayed on March 1, 1995, due to the repairs required by Conrail on the railroad track outside of the west yard, west of the site. Conrail inspected the rail line on site and determined that several areas needed repairs.

* ERCS repaired the railroad track on site while Conrail repaired the track off site, west of the site.

* ERCS continued to excavate and stockpile soil in Main Yard when rail cars were not available to load.

* Crew continue to clear debris from the main yard to facilitate decontamination efforts.

* Grid areas G-9, H-9, and along the fence line in the main and west yards were backfilled with tunnel rock, after confirmation sample results showed that contaminant concentration levels were below action levels.

* ERCS completed the excavation of G-12 and D-13 in the main yard.

Confirmation samples were collected and the samples were sent to the lab on Feb 27, for G-12 and on March 3, for D-13.

* On 2/27, six samples were collected at three locations between the RR tracks (C-2, E-6, G-14) at 1 and 2 feet depths. The samples were analyzed for PCBs, total cadmium, and total lead.

* Sample results of the material between the tracks had indicated elevated levels of PCBs and total lead in grids C-2, E-6 and G14

* Chicago International Export (CIE) continued shredder operations throughout the week of 2/27/95 through 3/3/95. An

observation log was kept by personnel on site to monitor the shredder operation.

* High volume polyurathane foam (HVPUF) sampling for PCBs in air was initiated on 1/17/95 in Main Yard. Air monitoring has been conducted by EPA to determine if PCBs are being generated by CIE's shredder operations.

3. Enforcement

* An additional Unilateral Administrative Order (UAO) was issued to Chicago International Exporting requiring the facility to discontinue the release of PCB's from shredding and copper separation operations, and to sample feed and processed materials brought to the facility for PCB's. U.S. EPA met with CIE and their legal counsel on February 27, 1995 to confer on the UAO. CIE will submit to U.S. EPA a Work Plan and Sampling Plan to comply with the UAO. CIE is proposing to construct a cement pad at the North West end of the Main Yard to store motors and steel.

* U.S. EPA Air and Radiation Branch has issued a Notice of Violation (NOV) to the facility for Clean Air Act Violations. Results of HVPUF sampling conducted on January 17, 1995, showed that dust particulate containing 3.05 ug/m³ of PCBs (Aroclor 1242) was generated.

* CIE performed repairs on the baghouse and began operating it on February 8, 1995. EPA has monitored operations from February 8, 1995 until present. Waste from the baghouse has been analyzed by CIE and is TSCA waste and will have to be disposed of at TSCA facility.

B Planned Removal Activity

Refer to POLREP 1 through 10

C Next Steps

- * Complete back filling operations of West Yard
- * Continue transportation and disposal of excavated soils
- * Continue High Volume Air Sampling for PCBs and lead when visible emissions are detected.
- * Continue excavation and confirmation soil sampling in Main Yard
- * Dispose of excavated material as Special Waste and TSCA Waste

D Key Issues

* Continue excavation and disposal of special waste in such as manner that will allow CIE to continue shredder operations. Due to limited space on site, EPA is requesting CIE properly transport and dispose of contaminated material (copper fines) in the northeastern quadrant of the main yard. This will facilitate removal activities in the northeast quadrant in the main yard.

* Monitor compliance with the Unilateral Administrative Order to Chicago International Exporting to cease releases PCBs from the shredding and gravity separator operations.

COST INFORMATION (as of 03/02/95)

	COST	CEILING
ERCS	\$ 1,880,000	\$ 3,000,000
TAT	\$ 84,372	\$ 100,000
U.S. EPA	\$ 68,199	\$ 100,000

VI DISPOSITION OF WASTES

* Seven rail car loads of PCB contaminated soil weighing approximately 630 tons were shipped between 2/27/95 and 3/03/95 to the EnviroSAFE facility in Grandview, ID. A total of 82 rail cars have been shipped off-site for a total of 7,380 tons

* Five tanker loads approximating 20,600 gallons of UST contents and water collected from the UST excavated area have been shipped to Safety Clean (Breslube) as of 1/20/95 for disposal.